



Sustainable Aviation Resource Guide

Presented by: Gene Peters
March 10, 2010

*35th Annual FAA Aviation Forecast Conference
Washington, DC*

What is SAGA?

SAGA = the Sustainable Aviation Guidance Alliance

“a broad volunteer coalition of aviation interests formed in 2008 to assist airport operators of all sizes in planning, implementing, and maintaining a sustainability program.”

www.airportsustainability.org



Purpose of SAGA

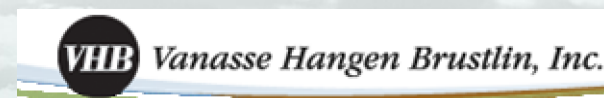
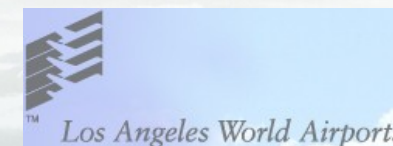
- Guides airports on how to start a sustainability program
- Compiles airport-specific sustainability practices in a searchable database (in Excel & Web-based database)
- Suggests methods to adapt practices to airports of all sizes & types
- Provides specific references to airports' source documents



Roof-Mounted Solar PV System on Terminal 3 at San Francisco International Airport

SAGA Participants

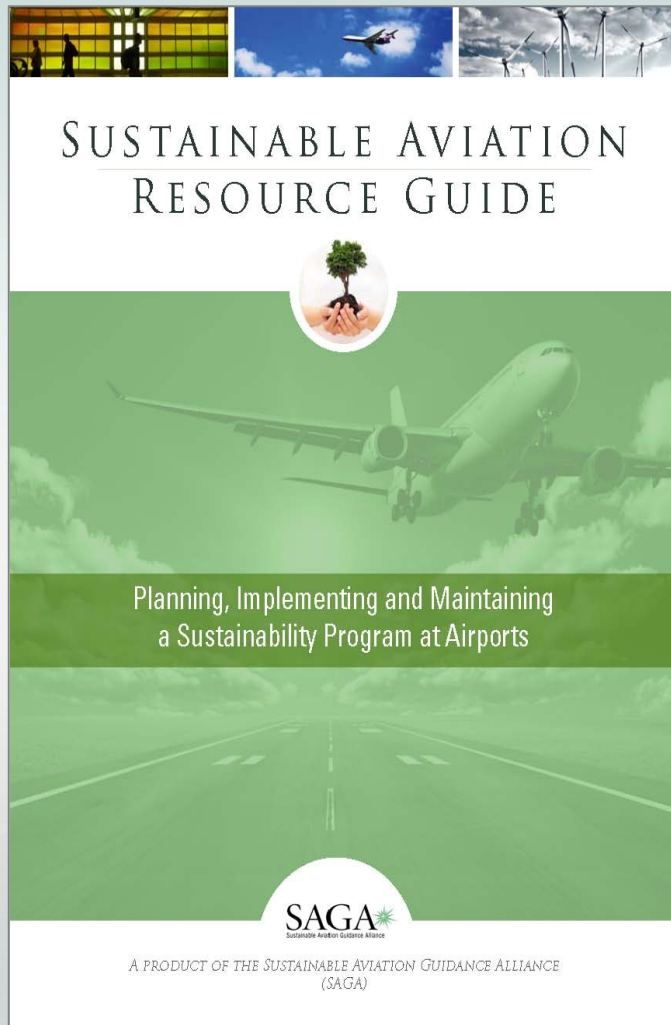
- Airports Council International-NA (ACI-NA)
- Airport Consultants Council (ACC)
- American Assoc. of Airport Executives (AAAE)
- Air Transport Association (ATA)
- Federal Aviation Administration (FAA)
- Airports
- Consultants



SAGA Participants

- Jessica Steinhilber and Paul Eubanks (ACI-NA)
- T.J. Schulz (ACC)
- Leslie Riegle and Melissa Sabatine (AAAE)
- Dean Schultz (RNO; AAAE Environmental Chair) and Todd Welty
- Tim Pohle and Kevin Welsh (ATA)
- Julie Barrow (FAA)
- Katie Choe (BOS)
- Rosie Andolino (ORD/OMP)
- Roger Johnson and Intissar Durham (LAWA)
- Burr Stewart (Port of Seattle; TRB Sustainability Subcommittee Chair)
- Gene Peters (Ricondo & Associates, ACI Sustainability Subcommittee)
- Kristin Lemaster (CDM; AAAE Sustainability Issue Tracker)
- Carol Lurie (VHB; ACC Board member)
- Eric Dillinger (Jacobs Consultancy)
- Mary Vigilante (Synergy Consultants)

Sustainable Aviation Resource Guide



- **Section 1 – Introduction**
- **Section 2 – How to Start, Implement, Sustain and Maintain a Program**
- **Section 3 – Sustainability Program Examples**
- **Section 4 – Sustainability Database**

Section 1 – Introduction

- Overview of Sustainability at Airports
- Why Airports Undertake Sustainability Initiatives
- Benefits of a Sustainability Program

*SAGA Does Not Supersede Other Standards
Such as LEED® but Augments Other Resources*

Section 1 – Introduction

- Range of Options for Defining Sustainability:
 - Brundtland Commission (1983) – “..development that meets the needs of the present without compromising the ability of future generations to meet their own needs.”
 - Airport Cooperative Research Program (ACRP) S02-02 – “a broad term that encompasses a wide variety of practices applicable to the management of airports.” Practices that ensure:
 - Protection of the environment, including conservation of natural resources
 - Social progress that recognizes the needs of all stakeholders
 - Maintenance of high and stable levels of economic growth and employment
 - “Triple Bottom Line” – Economic Growth, Social Responsibility and Environmental Stewardship
 - ACI-NA – “..a holistic approach to managing an airport so as to ensure the integrity of the Economic viability, Operational efficiency, Natural Resource Conservation and Social responsibility (EONS) of the airport”

Section 2 – Planning, Implementing, Improving, and/or Maintaining a Sustainability Program

- Establish Vision and Strategic Goals
- Conduct Assessment
- Identify & Rank Opportunities
- Refine Goals
- Select Actions & Set Targets
- Develop Action & Monitoring Plans
- Implement Initiatives
- Monitor Performance
- Communicate Progress

Section 3 – Sustainability Program Examples

- Demonstrates how an airport can execute the steps of the management system approach to sustainability outlined Section 2
 - Example 1 – Pilot Recycling Program
 - Example 2 – Comprehensive Sustainability Program



Scalable for all sizes of Airports

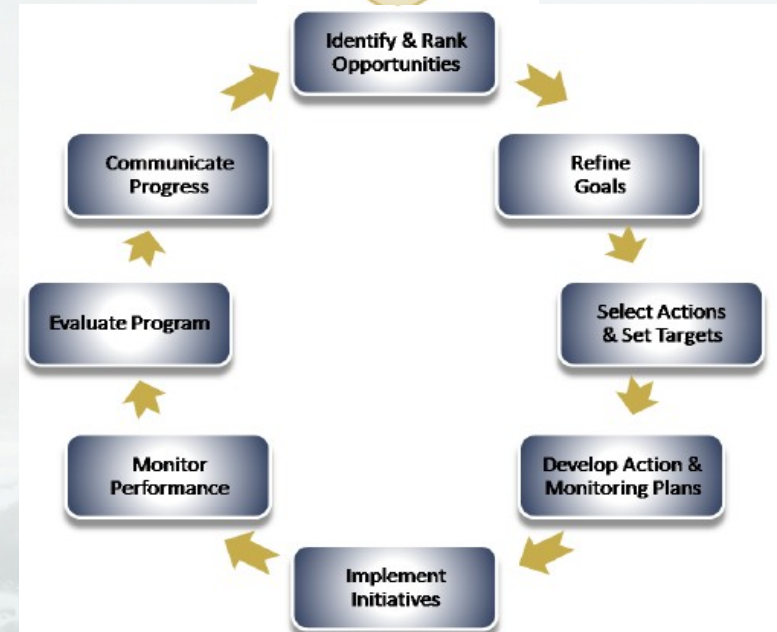


Figure 2-2. Steps for a management system approach to sustainability

Section 4 – Sustainability Database

- Sources of Sustainable Practices from:
 - Sustainable Aviation Guidelines
 - Professional Organizations, including: ACI, USGBC, ACRP
 - Industry Experts
 - Leading Airports

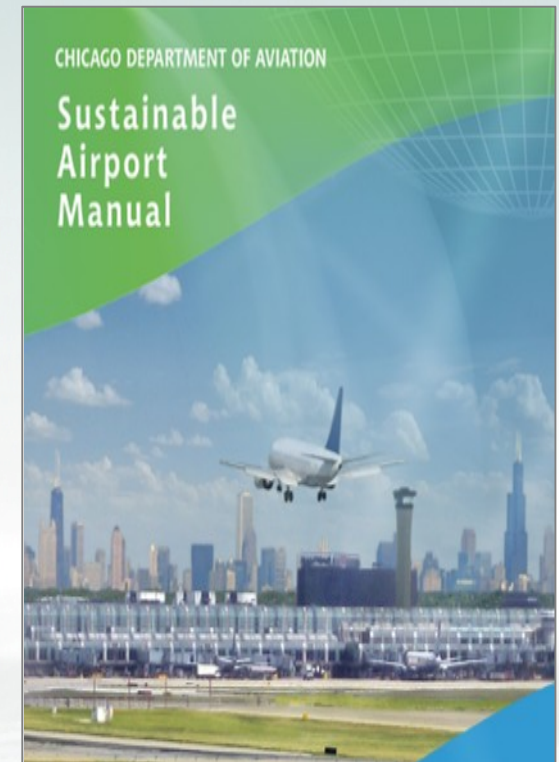


LEGEND/SOURCES

=	O'Hare International Airport (ORD) Sustainable Design Manual Initiative
=	Chicago Department of Aviation Sustainable Airport Manual (SAM) 2009
=	Los Angeles World Airports (LAWA) Sustainable Design, Planning & Construction Guidelines
=	Ricondo & Associates / Airports Council International Draft Sustainability Index
=	Boston-Logan International Airport (BOS) and/or Philadelphia International Airport (PHL) Initiative
=	San Francisco International Airport (SFO) Initiative
=	Seattle-Tacoma International Airport (SEA) Initiative
=	Denver International Airport (DIA) Initiative
=	Albany International Airport (ALB) Initiative
=	Leadership in Energy and Environmental Design (LEED) for New Construction V2.2 Initiative
=	Vancouver International Airport (YVR) Initiative
=	New Chitose Airport (CTS) (Hokkaido, Japan) Initiative
=	ACRP Synthesis 10: Airport Sustainability Practices
=	Field Guide for Sustainable Construction (2004), Pentagon Renovation and Construction Program Office & Pennsylvania

Sustainability Database

- Over 100 Sustainability Resources from Around the World:
 - Airport Sustainability Guidelines
 - Airport Sustainability Policies, Plans & Reports
 - LEED Reference Guides & Materials
 - Literature from Research Institutions
 - Sustainable Construction Guidelines
 - Trade Association Documents
 - Transportation Research Board
 - Airport News Publications
 - Websites
 - Conferences



Sustainability Database

- Consolidated list of Sustainable Aviation Practices
 - 972 Practices (as of September 2009)
 - 68 Column Categories/Searchable Criteria
- Searchable
 - Can be tailored to the unique requirements of an individual airport
 - Available as an Excel Spreadsheet or Web Based Database (www.airportsustainability.org)

Sustainability Database

- Organized by a Broad Range of Criteria:

- **Activities**

- Planning & Design
- Construction Activity
- Day to Day Airport Operations
- Maintenance
- Administration & Finance
- Community & Public Relations

- **EONS**

- Economic Viability
- Operational Efficiency
- Natural Resources Conservation
- Social Responsibility

- **Functional Areas**

- Landside
- Airside

Sustainability Database

- 68 Column Categories:
 - LEED ⇒ Potential Applicability to LEED Credits
 - Activity (6 Columns) ⇒ Construction Activity, Day to Day Operations, Administration, etc.
 - Functional Area (30)
 - Landside ⇒ Tenants/Concessions, Vehicle Maintenance & Fueling Facilities, Roadways, etc.
 - Airside ⇒ Gates, ARFF/Fire Training, Deicing Facilities, etc.
 - EONS (31) ⇒ Economic Viability, Operational Efficiency, Natural Resources Conservation, Social Responsibility

Sustainability Database

		Terminal Buildings and Interior Areas											



Sustainability Database

Sample of EONS Categories (31 total)

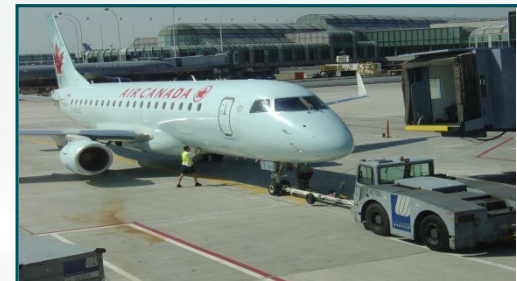
Operational Efficiency						Natural Resources Conservation					
Reduces Roadway Congestion	Improves Intermodal Transportation Access	Air Travel Delay Reduction	Customer Service Improvement	APUs, Gates, GSE Equipment Improvements	Conserves Energy	Benefits Air Quality & Climate Change / Reduces Greenhouse Gasses	Noise Abatement	Water Quality Protection & Conservation	Wildlife Management / Reduces Wildlife Hazards	Landscape / Vegetation Management	Reduces Solid Waste / Enhances Recycling
		✓		✓			✓				



ULSD Fuel Construction Vehicles



Preconditioned Air At Gates



Increased Towing

Economic Viability						Social Responsibility						
High First Cost	Life Cycle Cost Benefits	Requires Staff Training	FAA Funding Through Stand-Alone Projects (VALE, EMS)	FAA Funding Eligible as Part of Larger Projects / Through Design Considerations	Generates Revenue	Enhances Employee Welfare	Facilitates Diversity / Environmental Justice	Facilitates Education & Public Outreach	Public Relations Opportunity	Innovative / Aviation Industry Leading	Enables Transparency / Facilitates Information Sharing	Results in Regional Economic Benefit
	✓	✓						✓	✓		✓	

Sustainability Database

- Database Considerations:
 - A broad listing of practices not particular to one definition of sustainability
 - The airport/contractor must determine what practices abide by their particular definition
 - Each practice serves as a **starting point** for additional research & consideration
 - Some practices include web references or applicable guidance manuals/reports
 - Applicable to all airport sizes, traffic levels, and locations
 - The user must determine what practices are the most feasible and beneficial to their particular airport's objectives and budget

Example (1) of SAGA Database Use

- An airport is interested in sustainable practices that **conserve energy** in its **terminal buildings and concourses**, have **life cycle cost benefits**, but **do not require staff training**
- A search could be conducted using the following criteria/column headings:
 - Day to Day Airport Operations (Activity)
 - Terminal Buildings and Concourses (Functional Area – Landside)
 - Life Cycle Cost Benefits (EONS – Economic Viability)
 - DOES NOT Require Staff Training (EONS – Economic Viability (blanks selected))
 - Conserves Energy (EONS – Operational Efficiency)

Example (1) of SAGA Database Use

The Database reveals **32** applicable sustainable practices, including:



Install occupancy sensors, either infrared (heat detection), ultrasonic (movement detection), or a combination of both, to control lighting in areas that are intermittently occupied (e.g., rest rooms, storage areas, stairwells, etc.).

Turn off computer monitors if they are not going to be used for more than 20 minutes (a small surge in energy occurs when a monitor starts up; see www.energysavers.gov/your_home/appliances/index.cfm/mytopic=10070).

Require the use of (or provide incentives for) centralized pre-conditioned air (PCA) and ground power systems (400 Hz) for gated aircraft. For all new terminal leases, establish lease provisions that require PCA units at all gates with 400 Hz power.

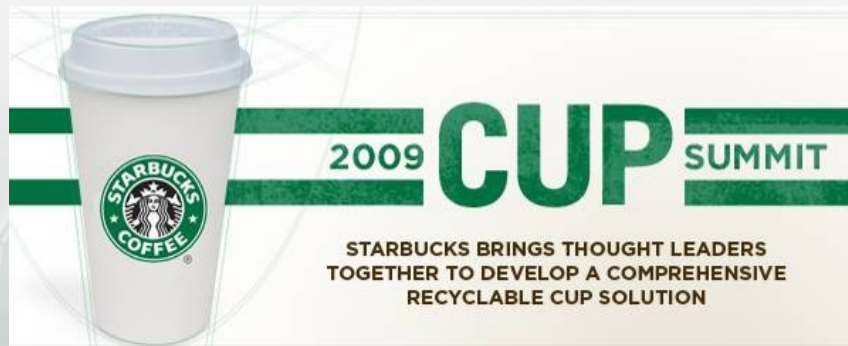
Meet or provide lower light levels & uniformity ratios than those recommended by the Illuminating Engineering Society of North America *Recommended Practice Manual: Lighting for Exterior Environments*.

Where acceptable, use High Pressure Sodium (HPS) lamps instead of Metal Halide (MH) lamps; HPS Lamps produce more lumens per watt, have less mercury content per lamp, and have a greater average rated life expectancy than MH lamps.



Example (2) of SAGA Database Use

- An airport wants to encourage its tenants to implement sustainable practices to reduce waste & improve public opinion
- The airport would search based on the following criteria:
 - Tenants & Concessions (Functional Area – Landside)
 - Reduce Solid Waste/Enhances Recycling (EONS – Natural Resource Conservation)
 - Public Relations Opportunity (EONS – Social Responsibility)



Example (2) of SAGA Database Use

The Database would reveal 50 applicable practices, including:

Donate airplane passenger headphones, blankets and pillows to homeless shelters and/or charity organizations such as the Ronald McDonald House.



Develop and implement a surplus food program to benefit area food banks by supplying pre-packaged sandwiches, salads, pastries, muffins, cookies, etc.

Set up annual or bi-annual clean-up events that allow tenants, airlines, and airport employees to dispose of bulky, non-hazardous items. The materials are then deconstructed for recycling, donated, or disposed.

Use biodegradable plates and cutlery made from corn and wheat starch.



Develop and implement a 'Periodicals for Education' program, collecting magazines, newspapers, and books from international passengers and donating them to educational facilities that teach foreign languages, senior centers, and/or united service organizations.

Port of Portland, Lufthansa Airlines, & Evergreen Eagle Initiative

Sustainability Database – Innovative Examples

Unique practices included in the Database

Can you guess the airport that implements the innovative practice?

- A. #435: Use collected snow to chill the liquid used in the airport's cooling system in the summer.



A. New Chitose Airport, Hokkaido, Japan



- B. #661: Control invasive species, noxious weeds, and keep vegetation low by using local farm animals such as goats and cattle as well as other biological means such as beetles.

B. San Francisco International Airport



Sustainability Database – Innovative Examples

C. #689: Use recycled coffee grounds for ant control. (Flower, chili powder, cinnamon, peppermint, and/or black pepper can also be used.)

C. Charlotte-Douglas International Airport



D. #696: Implement a toilet paper roll repurposing (re-rolling) program. The re-rolled toilet paper is reused at the airport or sent to local homeless shelters.

D. Denver International Airport

Sustainability Database – Innovative Examples

E. #731: Provide liquid collection stations, especially at security checkpoints where full beverage bottles and other liquids are disposed of, to minimize landfill bound waste and janitorial staffing costs. The liquid collection stations are designed to be easily rolled to a mop sink or drain.

E. Portland International Airport

F. #687: Recycle used restaurant grease to manufacture biofuel.



F. Seattle-Tacoma International Airport



Sustainability Database – Innovative Examples

G. #863: Develop a Tier compliant and retrofit program for construction vehicles (e.g., retrofit all pre-Tier, Tier 1 and Tier 2 construction vehicles).



Chicago O'Hare International Airport



H. #300: Utilize warm-mix asphalt to reduce energy needs during construction.

*Boston-Logan International Airport
Outer Edges of Runway 4R/22L*

Sustainability Database – Innovative Examples

- I. #453: Utilize wind power.



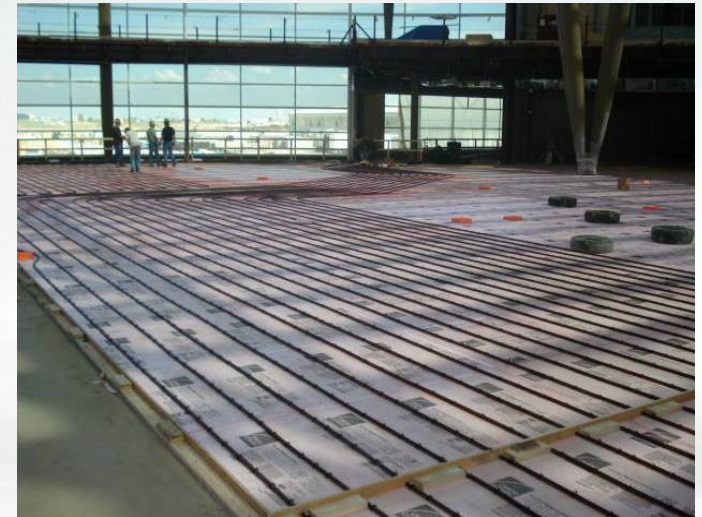
Minneapolis St. Paul International Airport

- K. #238: Utilize stormwater cisterns for capturing rainwater from roofs for irrigation.



Atlanta Hartsfield-Jackson International Airport

- J. #402: Install a radiant floor system to provide both heating and cooling to the space, working in conjunction with a forced-air system.



Indianapolis International Airport

Excel Database Filter Search

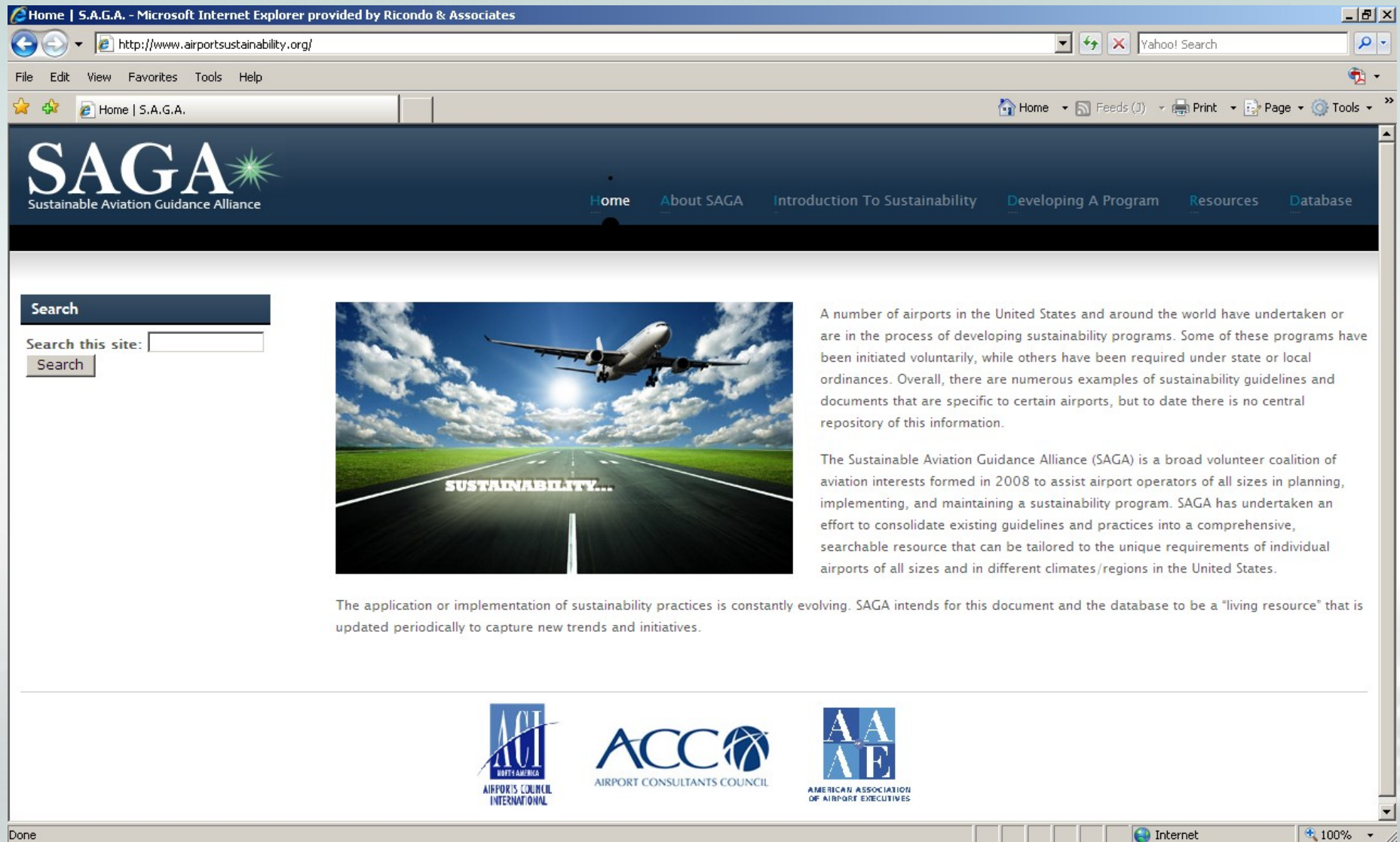
- If in Microsoft Excel, the user would highlight all column headings (Row #6) and select DATA → FILTER → AUTO FILTER

The screenshot shows the Microsoft Excel interface with the 'Data' menu open and 'Filter' selected. The 'AutoFilter' submenu is also open, showing options like 'Show All' and 'Advanced Filter...'. A red arrow points to the 'Filter' option in the 'Data' menu. The spreadsheet displays a table with the following structure:

Practice		Landscape / Vegetation Management	Reduces Solid Waste / Enhances Recycling	Enhances Management of Hazardous Materials / Chemicals	Conserves Natural Resources	Utilizes Renewable Energy
Administrative						
Policies, Procedures, and Plans						
1	Create and follow a sustainable vision/mission statement.					
2	Require that all developers, contractors, and tenants establish a corporate sustainability policy.					
3	Develop or adopt sustainable design guidelines, metrics, parameters, and a rating and ranking program (such as the City of Chicago's Sustainable Airport Manual).	✓	✓	✓	✓	✓

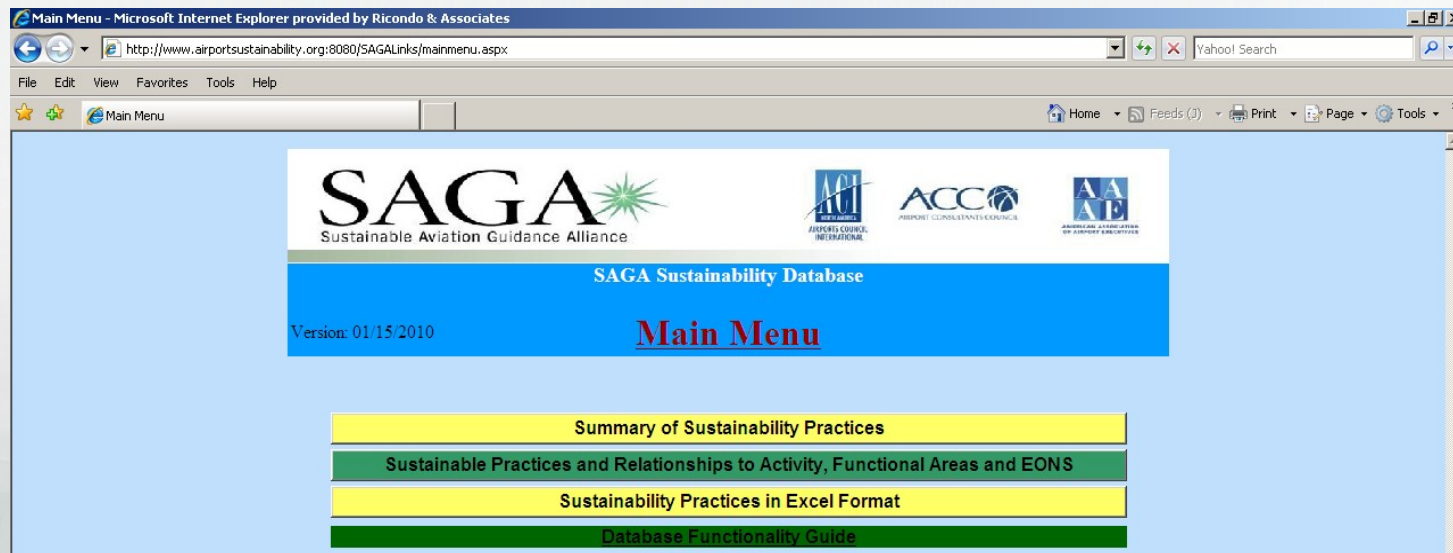
- The user (if in Excel) would select the filter arrow, revealing different options of how to organize the data
- The user could select “Blanks” or “Non Blanks” for any columns/criteria:
 - “Non Blanks” = Practices that fit the criterion (with ✓)
 - “Blanks” = Practices that do not fit, or are the opposite of, the criterion (without ✓)

SAGA Website Home Page




Website Database

- Presented in 3 Formats:
 1. Summary of Sustainability Practices
 2. Sustainability Practices & Relationships to Activity, Functional Areas & EONS
 3. Sustainability Practices in Excel Format
- Searchable using same 68 columns via drop down boxes or by keyword





www.airportsustainability.org:8080/SAGALinks/mainmenu.aspx

Website Database



SAGA
Sustainable Aviation Guidance Alliance

Compatible with Nearby Land Uses
Conserves Energy
 Conserves Natural Resources
 Customer Service Improvement
 Enables Transparency / Facilitates Information S
 Enhances Employee Welfare
 Enhances Management of Hazardous Materials /
 FAA Funding Eligible as Part of Larger Projects /
 FAA Funding Eligible Through Stand-Alone Proje
 Generates Revenue
 High First Cost
 Improves Intermodal Transportation Access
 Improves Quality of Life (e.g., Noise, Stormwater
 Innovative / Aviation Industry Leading
 Life Cycle Cost Benefits
 Noise Abatement Benefits
 Promotes Diversity / Environmental Justice
 Promotes Landscape / Vegetation Management
 Public Relations Opportunity
 Reduces Roadway Congestion
 Reduces Solid Waste / Enhances Recycling
 Requires Staff Training
 Results in Regional Economic Benefit
 Utilizes Renewable Energy
 Water Quality Protection & Conservation
 Wildlife Management / Reduces Wildlife Hazards

SAGA Sustainability Program database

Version: 10/09/09 [Main Menu](#)

Practice Listing

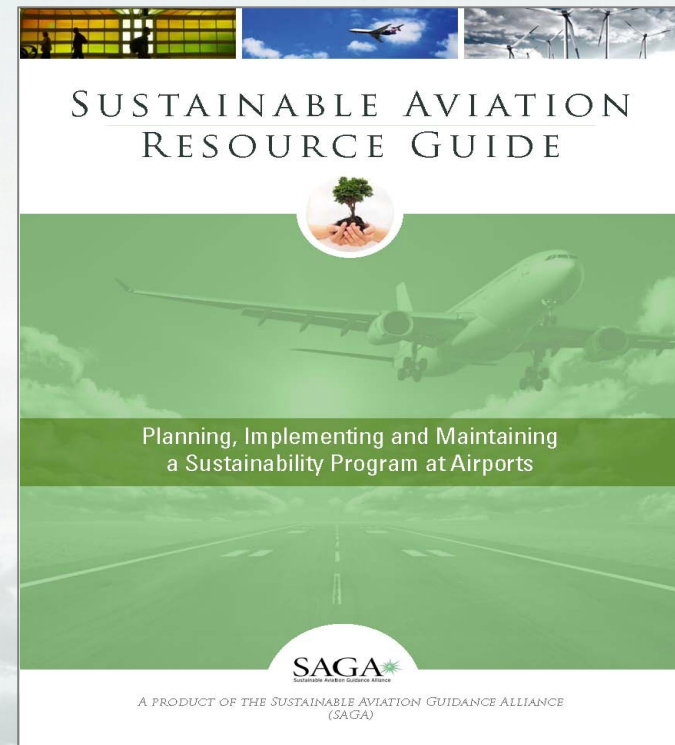
Practice Category:	<div style="border: 1px solid black; padding: 2px;">All</div>	Sub Category	
Activity	<div style="border: 1px solid black; padding: 2px;">All</div>	EONS	
Functional Area	<div style="border: 1px solid black; padding: 2px;">All</div>	Contains Keyword	
<div style="border: 1px solid black; padding: 2px; width: 100px;">Find Practices</div>			

Practice	Category	EONS	
Achieve a minimum Daylight Factor (as defined by LEED 2009) of 25 footcandles (excluding all direct sunlight penetration) in 75% of all regularly occupied areas. (Spaces excluded from these requirements include copy rooms, storage areas, mechanical plant rooms, laundry and other low occupancy support areas).	Indoor Environmental Quality	Daylight and Views	
Achieve direct line of sight to vision glazing for building occupants in 90% of all regularly occupied spaces. (Spaces excluded from these requirements include copy rooms, storage areas, mechanical plant rooms, laundry and other low occupancy support areas).	Indoor Environmental Quality	Daylight and Views	
Acquire manufacturer documentation and guarantee of installations, projected results, and in-situ performance criteria to compare to standard performance results.	Energy Efficiency and Atmosphere	Systems Commissioning	

Format 1: Summary of Sustainability Practices

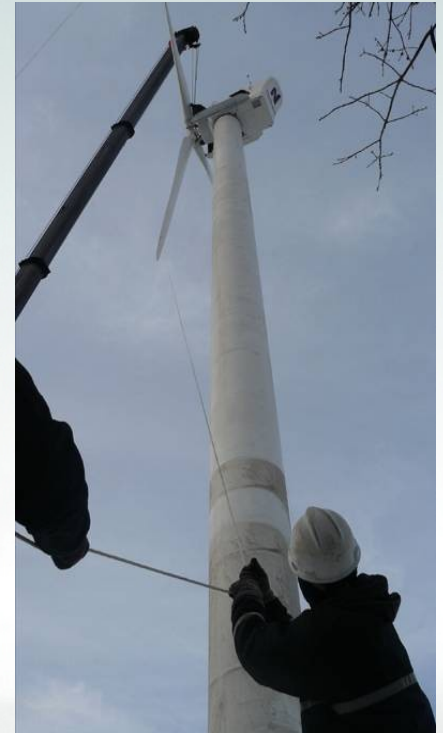
SAGA Achievements

- Working Group Formed – Fall 2008
 - Formulated Goals, Developed Approach, Identified Products, Assigned Responsibilities
- Obtained Peer Review Group Input – Summer 2009
 - 100+ Sustainability Professionals
 - 55 Pages of Comments on Initial Draft
- Published Guidebook – Fall 2009
www.airportsustainability.org/resources
- Published Database – Fall 2009



Next Steps – The “SAGA” Continues...

- Identify Additional Sustainable Practices (ongoing)
- Obtain Feedback From Users
 - Expanded vs. Simplified Practices (quantity vs. quality)
 - Additional Columns/Searchable Criteria
 - Methods to Improve Organization & Use
 - Review Over **65,000** Evaluations
 - Enhanced Excel Database and/or Website
- How to Maintain Database
 - Living Document
 - New & Continually Evolving Practices
- Industry Conferences
- Explore Continuing SAGA Using the ACRP Process



**On-Airport 100 ft. Wind
Turbine at Burlington
(VT) International Airport**

National Attention and Industry Recognition

THE NATION'S NEWSPAPER

USA TODAY

NO. 1 IN THE USA

Monday, October 12, 2009

Newsline

Monday, October 12, 2009

07:00 am - 06:30 pm
Registration

07:30 am - 10:00 am
Exhibition Hall Open

10:15 am - 12:00 pm
General Session 1 Welcome and Keynote Address
Keynote address: Peter Bergen

12:00 pm - 03:00 pm
Exhibition Hall Open

03:15 pm - 05:00 pm
Concurrent Educational Sessions
1. NewGen: It Begins and Ends At Airports
2. Reputation Management: Maintaining Your Airport Brand in Challenging Times

05:00 pm - 06:30 pm
Exhibition Hall Open (Celebrating Canadian Thanksgiving!)

Tuesday, October 13, 2009

07:00 am - 07:00 pm
Registration

07:30 am - 09:00 am
World Business Partner & Associates Breakfast

09:00 am - 09:00 am
Continental Breakfast

09:00 am - 10:30 am
General Session 2: Airports and Airports: Working on the Relationship

10:30 am - 01:30 pm
Exhibition Hall Open

01:45 pm - 03:00 pm
Concurrent Educational Sessions
3. Turbulent Times Call For Savvy Strategic Planning
4. Climate Change: Is It Getting Warm In Here?

03:15 pm - 04:30 pm
Concurrent Educational Sessions
5. What's Air Cargo Worth to Your Airport and Your Community?
6. Sustainability: We're Drinking the Kool-Aid™

04:30 pm - 05:30 pm
New Member and Airport/Associate Member Official Representatives Reception (by invitation only)

05:30 pm - 07:00 pm
Exhibition Hall Open

Wednesday, October 14, 2009

08:00 am - 12:30 pm
Registration

08:00 am - 10:00 am
Continental Breakfast

10:30 am - 10:00 am
7. Airport Forums with the IATA

10:30 am - 12:00 pm
8. Airport Forums with TSA and CBP Officials
Please note - this session is closed to the media

12:00 pm - 12:30 pm
Airport Membership Meeting
Open to ACI-NA Airport Official Representatives only

12:30 pm - 02:30 pm
Chairman's Honor Luncheon

03:00 pm - 04:30 pm
Concurrent Educational Sessions
9. Banking on the American Recovery and Reinvestment - How Do You Spell Relief?
10. Numbers, Numbers Everywhere: A View from the Director's Chair

06:30 pm
Closing Night Event: Bob Bullock Texas State History Museum, your 2010 hosts
Dinner, Sponsored by Austin-Bergstrom International Airport, your 2009 hosts

Thursday, October 15, 2009

THIS SPECIAL PROMOTIONAL EDITION HAS BEEN PREPARED BY THE USA TODAY MARKETING DEPARTMENT ON BEHALF OF ACI-NA

USA TODAY is proud to be a member of Airport Council International

USA TODAY, the nation's #1 selling newspaper, provides relevant news to travelers across the country. More than 2.3 million USA TODAY readers travel for business or leisure. USA TODAY reaches over 8 million domestic and 10 million international travelers annually.

We thank the airport community for their continued support. Please visit us on the exhibition show floor to learn more about our latest airport programs and sign up to receive the daily Airport Check-in via email, as seen every Monday in the Money section. For more information regarding USA TODAY, contact Sonya Resnik at (703) 854-9180 or sresnik@usatoday.com.

Source: NPD Spring 2009

ACI-NA Goes Green

The aviation industry is concerned about conservation, recycling, and sustainability - and so is the industry's trade association. The following are just a few of the steps ACI-NA has taken to go green:

- Electronic promotion and marketing of the 2009 Conference & Exhibition - using the web site and e-mail rather than postcards and brochures.
- Session handouts and presentations are available in PDF format on the website after the event - and in hard copy at the show.
- Instead of producing hard copies to distribute, we're using more than 150,000 sheets of paper - the pre-printed notes were e-mailed to all attendees in advance of the conference.
- Recycling water will be provided in reusable water stations instead of individual plastic bottles.

SAGA develops sustainability database

Resources

To learn more about this initiative, check out the following session at the ACI-NA Annual Conference and Exhibition:

Sustainability: We're Drinking the Kool-Aid™
Tuesday, October 13 • 3:15 - 4:45 pm

The Sustainable Aviation Guidance Alliance (SAGA) has created an online searchable database of sustainability initiatives to be used by any airport looking to start, maintain, or expand its sustainability programs. The searchable database contains over 800 examples of sustainable practices. Accompanied by a sustainability overview and guidance for developing a sustainability plan, the SAGA database assists airports by consolidating existing guidelines and practices into a comprehensive, searchable resource that can be tailored to the unique requirements of individual airports. This resource is applicable to airports of all sizes and encompasses all activities, regardless of whether an airport is undertaking a capital improvement program.

The Sustainable Aviation Guidance Alliance (SAGA) includes a diverse range of airport associations and aviation interests. Participants include representatives from the Airport Council International North America (ACI-NA), the Airport Consultants Council (ACC), the American Association of Airport Executives (AAAE), the Air Transport Association (ATA), the Federal Aviation Administration (FAA), airport representatives and consultants.

To learn more about the SAGA database while in Austin, visit the ACI-NA booth #427 and test out the online resource for yourself.

Welcome to Austin!

The City of Austin and Austin-Bergstrom International Airport would like to officially welcome you to the Austin Capital of the World. We are the host of the ACI-NA 18th Annual Conference & Exhibition, and we hope that you find the conference programming to be comprehensive and engaging.

We are a city that offers distinct local experiences beyond the world, a variety of arts and cultural events and the region's best live music and renowned cuisine that's sure to add to the excitement of your visit. Austin also boasts some of the best tech, shopping, and dining.

Those accompanying conference attendees can get to know our city better through entertaining guided tours. Visit historical buildings and old Austin neighborhoods, stroll through the Zilker Botanical Garden, shop and taste test at Whole Foods Market headquarters, or go to the pub with Hill Country and tour the UT family ranch. The choice is yours!

We also hope that you have made plans to join us for two very special tours of our airport: the Airfield Tour and the Facilities Tour. The Airfield Tour will be held October 13, 2009, at 8:30 a.m. For more information about these tours, welcome you to visit our booth in the ACI-NA Registration Area. We hope you enjoy your time in Austin, and once again, welcome to our vibrant city!

Farewell with flair

Say farewell to Austin and hello to Pittsburgh at the closing night event on Wednesday, October 14, at the Bob Bullock Texas State History Museum. Join ACI-NA in thanking the City of Austin Department of Aviation for hosting this year's conference, and get a preview of what to expect at the 19th Annual Conference and Exhibition in Pittsburgh.

The Bob Bullock Texas State History Museum will bring the "Story of Texas" to light. The museum boasts three floors of interactive exhibits that highlight the first meetings between Native Americans and explorers from Europe, information about the state's ranching industry, and the history behind the building of the "Lone Star" sculpture. The museum also features a special effects show, The Star of Texas, and a special effects show, The Star of Texas, and a special effects show, The Star of Texas.

Take a tour of the museum's three floors of exhibits, and be sure to see the "Story of Texas" in a 10-minute interactive video, or 30 down (or get up and dance) and listen to one of the bands: "The Rockin' and Rollin' Music and Dance Band."

Transportation will be provided from the Austin Convention Center and drop-offs will be to the conference hotels.

So pull on your boots and say goodbye to Austin in style!

RS&H: Improving your world

Reynolds, Smith & Hill, Inc. (RS&H) is an environmental, natural

Airports Going Green

CONFERENCE

August 5 - 7, 2009 • Fairmont Hotel, Chicago Illinois

Airfield Tour Included

Richard M. Daley
Mayor

AVIATION NEWS TODAY

ENVIRONMENTAL WATCH

Take a tour of the museum's three floors of exhibits, and be sure to see the "Story of Texas" in a 10-minute interactive video, or 30 down (or get up and dance) and listen to one of the bands: "The Rockin' and Rollin' Music and Dance Band."

Transportation will be provided from the Austin Convention Center and drop-offs will be to the conference hotels.

So pull on your boots and say goodbye to Austin in style!

ENVIRONMENTAL WATCH

Take a tour of the museum's three floors of exhibits, and be sure to see the "Story of Texas" in a 10-minute interactive video, or 30 down (or get up and dance) and listen to one of the bands: "The Rockin' and Rollin' Music and Dance Band."

Transportation will be provided from the Austin Convention Center and drop-offs will be to the conference hotels.

So pull on your boots and say goodbye to Austin in style!

Questions?

Gene Peters, Ricondo & Associates, Inc.
epeters@ricondo.com
773-462-7333



- Jessica Steinhilber, ACI-NA jsteinhilber@aci-na.org
- Leslie Riegle, AAAE leslie.riegle@aaae.org
- T.J. Schulz, ACC tjs@ACConline.org



www.airportsustainability.org

SAGA
Sustainable Aviation Guidance Alliance